

ANNUAL SHELLFISH MANAGEMENT REVIEW
for the period
January 1st to December 31st, 2007

Municipality: Biddeford

Date: 04/09/08

The Shellfish Conservation Committee submits the following information in partial fulfillment of its responsibilities under Chapter 7 of the Department of Marine Resources Regulations and the Shellfish Conservation Ordinance of this municipality.

Statement of Management Goals and Implementation Actions

The goals of shellfish management for this municipality have been: (check only one of each pair)

- 1) ☐ provide a harvesting opportunity for the maximum number of participants
☒ maximize individual harvest by minimizing the number of participants
- 2) ☒ increase the clam resource through various enhancement activities
☐ maintain a sustainable yield through the vigorous use of production controls
- 3) ☒ provide for recreational harvesting in preference to commercial harvesting
☐ provide for commercial harvesting in preference to recreational harvesting
- 4) ☐ maximize the economic value of the resource by adjusting production
☒ maintain a constant production to provide a steady but variable income

The following management controls were utilized: (check all that apply)

- ☒ limit the number of commercial harvesters
- ☐ limit the number of recreational harvesters
- ☐ restrict times of harvest
- ☒ restrict the areas of harvest
- ☐ limit the amount of commercial harvest
- ☒ limit the amount of recreational harvest
- ☐ other:

The following management activities were undertaken: (check all that apply)

- ☐ predator protection through fencing, netting, trapping and etc.
- ☐ reseeding from high density areas or seeding with hatchery stock
- ☒ flat surveys to determine size distribution and density
- ☒ harvester surveys to obtain catch and effort data
- ☐ enhance natural seeding through brushing, roughing and etc.
- ☐ establishing conservation areas for flat rotation
- ☐ other:___

Shellfish Committee/Staff**Municipality:** Biddeford

Title	Name	Mailing Address	Telephone
Chair	<u>Ron LaFlamme</u>	<u>8 Mayflower Drive, Biddeford, ME 04005</u>	<u>284-0582</u>
Vice Chair	<u>Peter Bouthillette</u>	<u>6 Rocky Way, Biddeford, ME 04005</u>	<u>283-0550</u>
Secretary	<u>Hartwell Blanchard</u>	<u>P.O. Box 272, Biddeford, ME 04005</u>	<u>284-7595</u>
Member(s)	<u>Roseanne Cote</u>	<u>97 Old Pool Road, Biddeford, ME 04005</u>	<u>284-4774</u>
	<u>Frank Fisichella</u>	<u>54 Hills Beach Road, Biddeford, ME 04005</u>	<u>282-3430</u>
	<u>Charles W. Smith</u>	<u>12 Granite Point Road, Biddeford, ME 04005</u>	<u>282-3430</u>
	<u>David Morrisette</u>	<u>8 Rosewood Circle, Biddeford, ME 04005</u>	<u>284-1353</u>
Selectmen/ Council Rep.			
Wardens	<u>David Morrisette</u>	<u>8 Rosewood Circle, Biddeford, ME 04005</u>	<u>284-1353</u>
WQSpec(s)			

Committee MeetingsThe Shellfish Committee holds regularly scheduled meetings: ☒ yes [] noThe following number of meetings was held during the past year: 9Minutes of meetings are recorded, filed and are available upon request: ☒ yes [] no**Conservation Credit**The opportunity to obtain conservation credit is provided: ☒ yes [] noThe total number of conservation hours needed to obtain credit is 12.Conservation credit is required to obtain a: ☒ renewal license

[] new license

Conservation hours are given for:

<input checked="" type="checkbox"/> meeting attendance	<input type="checkbox"/> coastal cleanup	<input type="checkbox"/> brushing
<input type="checkbox"/> committee service	<input checked="" type="checkbox"/> surveys	<input type="checkbox"/> predator control
<input type="checkbox"/> educational activities	<input type="checkbox"/> reseedling	<input type="checkbox"/>

If conservation credit is not provided, the total number of volunteer man-hours documented for management activities during the past year is: n/a.

Municipality: Biddeford

Hours Patrolled:	<u>402</u>
Diggers Checked:	<u>114</u>
Warnings Given:	<u>22</u>
Summon Issued:	<u>0</u>
Court Appearances:	<u>0</u>
Convictions:	<u>0</u>

Enforcement of the shellfish management ordinance has been: ☒ satisfactory
☐ unsatisfactory

Enforcement could be improved by:

<input checked="" type="checkbox"/> more hours patrolled	<input type="checkbox"/> better training
<input type="checkbox"/> more wardens	<input type="checkbox"/> greater state support
<input type="checkbox"/> better equipment	<input type="checkbox"/> other:

The warden is provided with a written job description: ☐ yes ☐ no

Month	Avg. Daily Catch/Digger		Avg. # of Diggers/Day		Total # of Days Dug		Total Lbs [] or Bu [X]
January	2	X	2	X	31	=	124
February	2		2		28		112
March	2		2		31		124
April	2		2		30		120
May	2		2		31		124
June	0		0		0a		0
July	0		0		0a		0
August	0		0		0a		0
September	0		0		0a		0
October	2		2		31		124
November	2		2		30		120
December	2		2		31		124
					TOTAL		972

Training Date

Nomination Date

David Morissette

4/27/06

10/04/06

Shellfish Conservation Budget
Municipality: Biddeford

License Receipts	Allocation	Sold	Received
<i>Commercial</i>			
Resident	7	7	\$1,400
Nonresident	1	1	\$400
Senior Resident	-	-	\$0
Senior Nonresident	-	-	\$0
Junior/Student Resident	-	-	\$0
Junior/Student Nonresident	-	-	\$0
Other:	-	-	\$0
<i>Recreational</i>			
Resident	NL	84	\$2,520
Nonresident	90	60	\$4,440
Daily/Weekly/Monthly Res.	-	-	\$0
Daily/Weekly/Monthly Nonres.	-	-	\$0
Senior Resident	-	-	\$0
Senior Nonresident	-	-	\$0
Junior/Student Resident	-	-	\$0
Junior/Student Nonresident	-	-	\$0
Other:	-	-	\$0
SUBTOTAL (1)			\$8,760
Receipts Independent of License Fees			
Shellfish Conservation Account Carried Forward			\$0
Funds Raised for Warden			\$0
Funds Raised for Management Activities			\$0
Fines			\$0
Other			\$0
SUBTOTAL (2)			\$0
TOTAL Receipts (1+2)			\$0
Disbursements			
Warden Salary			\$6,432
Mileage			\$224
Clothing			\$0
Equipment			\$0
Training			\$0
SUBTOTAL (3)			\$6,656
Advertising			\$0
Supplies			\$0
Surveys			\$0
Seeding			\$0
Miscellaneous			\$0
SUBTOTAL (4)			\$0
TOTAL Disbursements (3+4)			\$6,656

Proposed Management Controls

Municipality: Biddeford

The following management controls will be utilized for the coming year: (check all that apply)

- ☒ limit the number of commercial harvesters
- ☐ limit the number of recreational harvesters
- ☐ restrict times of harvest
- ☐ restrict the areas of harvest
- ☐ limit the amount of commercial harvest
- ☒ limit the amount of recreational harvest
- ☐ other:

Proposed Shellfish Licenses

<u>License</u>	<u>Number</u>	<u>Cost @</u>
<i>Commercial</i>		
Resident	<u>7</u>	<u>\$200</u>
Nonresident	<u>1</u>	<u>\$400</u>
Senior Resident	<u></u>	<u></u>
Senior Nonresident	<u></u>	<u></u>
Junior/Student Resident	<u></u>	<u></u>
Junior/Student Nonresident	<u></u>	<u></u>
Other	<u></u>	<u></u>
<i>Recreational</i>		
Resident	<u>NL</u>	<u>\$30</u>
Nonresident	<u>10%</u>	<u>\$60</u>
Daily/Weekly Monthly Res.	<u></u>	<u></u>
Daily/Weekly Monthly Nonres.	<u></u>	<u></u>
Senior Resident	<u></u>	<u></u>
Senior Nonresident	<u></u>	<u></u>
Junior/Student Resident	<u></u>	<u></u>
Junior/Student Nonresident	<u></u>	<u></u>
Other	<u></u>	<u></u>

License number determination is based upon: ☐ calculation using survey data
☒ survey data as a guide
☐ harvester input
☒ need/demand

The above numbers are:

- ☒ tentative, the actual numbers to be determined later
- ☐ firm, have been or will be submitted to DMR

Proposed Management Activities

Municipality: Biddeford

The following management activities will be undertaken during the coming year: (check all that apply)

- ☐ predator protection through fencing, netting, trapping and etc.
- ☐ reseeding from high density areas or with hatchery stock
- ☒ flat surveys to determine size distribution and density
- ☒ harvester surveys to obtain catch and effort data
- ☐ enhance natural seeding through brushing, roughing and etc.
- ☐ establishing conservation areas for flat rotation
- ☐ other:

In order to implement these management activities the committee will utilize: (check all that apply)

- ☒ harvesters vested with conservation credit
- ☐ harvester volunteers
- ☐ paid harvesters
- ☒ municipal employees
- ☐ paid consultants
- ☐ other:

To provide a forum for harvester input in management planning, the shellfish committee plans to meet:

- ☐ annually
- ☐ biannually
- ☐ quarterly
- ☐ bimonthly
- ☒ monthly

Meeting notification for other than regularly scheduled meetings is by:

- ☒ mailing ☐ phone call ☒ posting ☐ newspaper ☒ word of mouth

In order to keep the DMR informed and to solicit advice on management activities, the shellfish committee will:

- ☒ request the area biologist to participate in all meetings
- ☐ request the area biologist to participate in only specific meetings
- ☐ invite the area biologist to attend all meetings
- ☐ invite the area biologist to attend only specific meetings

Summary of Clam Flat Survey Data**Municipality:** Biddeford

The following is a list of surveys conducted during the past year. Survey data should be attached if not previously provided to DMR. [] No surveys were conducted.

Clam Flat	Survey Date	Acreage	Density (bu/a)	Standing Crop (bu.)	%>2" by vol.
<i>Little River</i>	<i>6/15</i>	<i>3.4</i>	<i>60.8</i>	<i>210</i>	<i>97.18</i>
<i>Bridge Road CA</i>	<i>6/29</i>	<i>4.6</i>	<i>32.1</i>	<i>148</i>	<i>69.11</i>
<i>Mile Strech</i>	<i>8/30</i>	<i>8.4</i>	<i>24.5</i>	<i>206</i>	<i>74.87</i>
<i>Hills Beach Ocean</i>	<i>9/28</i>	<i>0.9</i>	<i>211.3</i>	<i>182</i>	<i>98.63</i>

The flats surveyed represent approximately 5% of the total productive flats.

Summary of Transplant Activities**Municipality:** Biddeford

The following seeding / reseeding activities were conducted during the past year.

☒ No seeding / reseeding activities were conducted.

	Event 1	Event 2	Event 3	Event 4
Date				
Supervisor				
Crew #				
Amount				
Mean Size (in.)				
Size Range (in.)				
Source				
Source Flat				
Receiv. Flat				
Netted (y/n)				
Closed until				

	Event 5	Event 6	Event 7	Event 8
Date				
Supervisor				
Crew #				
Amount				
Mean Size (in.)				
Size Range (in.)				
Source				
Source Flat				
Receiv. Flat				
Netted (y/n)				
Closed until				

Summary of Conservation Closures

Municipality: Biddeford

The following is a list of conservation closures implemented or in effect during the past year.
(This table is for areas normally open.) [] No conservation areas were closed.

Conservation Area	Acreage	Closing Date	Opening Date	Days Closed*	Reason
<i>Little River</i>	<i>8.7</i>	<i>1/1</i>	<i>None</i>	<i>365</i>	<i>Limited Resouce</i>

*during 2007

Summary of Conservation Openings

The following is a list of conservation openings implemented or in effect during the past year.
(This table is for areas normally closed.) [X] No conservation areas were opened.

Conservation Area	Acreage	Opening Date	Closing Date	Days Open*	Reason

*during 2007

Additional Activities**Municipality:** Biddeford**Spatfall Enhancement**

The following is a list of activities to promote clam settlement such as brushing, flat roughing, tenting or netting. ☒ No such activities were conducted.

Location	Date	Description

Predator Protection

The following is a list of activities to protect clams from predators such as trapping, netting and hand collecting. ☒ No such activities were conducted.

Location	Date	Description

Other Activities

The following is a list of other activities that benefit, directly or indirectly, the management program such as educational projects, participation in regional councils and shoreline cleanup.

☒ No such activities were conducted.

Location	Date	Description